

TO: Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
--	---

In Compliance with 35 § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Colorado on the following Patents

DOCKET NO. 10-cv-00134-MSK	DATE FILED 1/21/10	U.S. DISTRICT COURT FOR THE DISTRICT OF COLORADO
PLAINTIFF Holte et al		DEFENDANT Titan Chair LLC et al
PATENT OR	DATE OF PATENT	HOLDER OF PATENT OR TRADEMARK
1	7,185,604	Please see copy of Complaint attached hereto
2		
3		
4		
5		

In the above—entitled case, the following patent(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
1			
2			
3			
4			
5			

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK GREGORY C. LANGHAM	(BY) DEPUTY CLERK	DATE
------------------------------------	-------------------	------

Copy 1—Upon initiation of action, mail this copy to Commissioner Copy 3—Upon termination of action, mail this copy to
 Copy 2—Upon filing document adding patent(s), mail this copy to Commissioner Copy 4—Case file copy

in-suit;

- b. A preliminary and permanent injunction prohibiting Titan, Steven Cha and Sun K. Cha and their agents, servants, employees, affiliates, divisions, and subsidiaries, and those in association with them, from making, using, selling, offering to sell and importing into the United States any product, or using, offering to sell, or selling any service, which falls within the scope of any claims of the '604 Patent, or contributing to or inducing anyone to do the same;
- c. A determination that the infringement is and has been willful, and that this is an exceptional case under 35 U.S.C. § 285;
- d. A decree that Titan, Steven Cha and Sun K. Cha have engaged in false advertising in violation of 15 U.S.C. § 1125(a)(1)(B);
- e. A decree that Titan, Steven Cha and Sun K. Cha have engaged in deceptive trade practices in violation of Colo. Rev. Stat. § 6-1-105(1);
- f. A preliminary and permanent injunction prohibiting Titan, Steven Cha and Sun K. Cha, and their agents, servants, employees, affiliates, divisions, and subsidiaries, and those in association with them, from continuing to violate 15 U.S.C. § 1125(a)(1)(B) and Colo. Rev. Stat. § 6-1-105(1), and in particular, prohibiting Titan, Steven Cha and Sun K. Cha, and their agents, servants, employees, affiliates, divisions, and subsidiaries, and those in association with them, from continuing to represent that their dog beds utilize "high quality" memory foam and/or five-pound memory foam;
- g. A determination that Defendants' false advertising and deceptive trade practices

are and have been willful and in bad faith;

- h. An award of damages, profits and enhanced damages;
- i. An award of all costs in this action, including attorneys' fees and interest; and
- j. Such other relief as this Court may deem just and proper.

JURY DEMAND

Pursuant to Rule 38(b) of the Federal Rules of Civil Procedure, Plaintiffs demand a trial by jury on all issues so triable.

January 21, 2010.

/s/ Sean C. Grimsley

Sean C. Grimsley

Bryan L. Leach

BARTLIT BECK HERMAN PALENCHAR & SCOTT LLP

1899 Wynkoop St., 8th Fl.

Denver, CO 80202

Telephone: 303-592-3100

Fax: 303-592-3140

e-mail: sean.grimsley@bartlit-beck.com

e-mail: bryan.leach@bartlit-beck.com

Attorneys for Plaintiff Debra Holte

EXHIBIT A



US007185604B2

(12) **United States Patent**
Holte

(10) **Patent No.:** US 7,185,604 B2
(45) **Date of Patent:** Mar. 6, 2007

(54) **ORTHOPEDIC PET CUSHION**

(76) **Inventor:** Debra Leah Holte, 861 S. Steele St.,
Denver, CO (US) 80209

(*) **Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) **Appl. No.:** 10/822,481

(22) **Filed:** Apr. 12, 2004

(65) **Prior Publication Data**
US 2005/0224000 A1 Oct. 13, 2005

(51) **Int. Cl.**
A01K 29/00 (2006.01)

(52) **U.S. Cl.** 119/28.5

(58) **Field of Classification Search** 119/28.5,
119/171, 172, 173, 169
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,125,663 A *	3/1964	Hoffman	219/217
3,902,456 A	9/1975	David	
3,934,552 A *	1/1976	Kulka	119/482
3,953,566 A	4/1976	Gore	
3,968,530 A	7/1976	Dyson	
4,194,041 A	3/1980	Gore	
4,344,999 A	8/1982	Gohlke	
4,454,191 A	6/1984	von Blucher et al.	
4,525,409 A	6/1985	Elesh	
4,614,000 A	9/1986	Mayer	
4,706,313 A	11/1987	Murphy	
4,761,524 A	8/1988	Rautenberg et al.	
4,777,681 A	10/1988	Luck et al.	
4,780,921 A	11/1988	Lahn	
4,801,493 A	1/1989	Ferziger et al.	
4,847,142 A	7/1989	Twilley et al.	
4,961,982 A *	10/1990	Taylor	428/91
5,002,014 A	3/1991	Albin	
5,119,763 A	6/1992	Crabtree	
5,136,981 A	8/1992	Barreto, II	

5,144,911 A	9/1992	Moore
5,226,384 A	7/1993	Jordan
5,249,320 A	10/1993	Moretz
5,265,558 A	11/1993	Schonrock
5,515,811 A	5/1996	McAllister
5,521,273 A	5/1996	Yilgor et al.

(Continued)

FOREIGN PATENT DOCUMENTS

EP 622018 A1 * 11/1994

OTHER PUBLICATIONS

Barbara Pritchard, Introducing the Pressure Support Surfaces from
Kaylined, British Journal of Nursing, 2001, vol. 10, No. 21 pp.
1427-1431, United Kingdom.

(Continued)

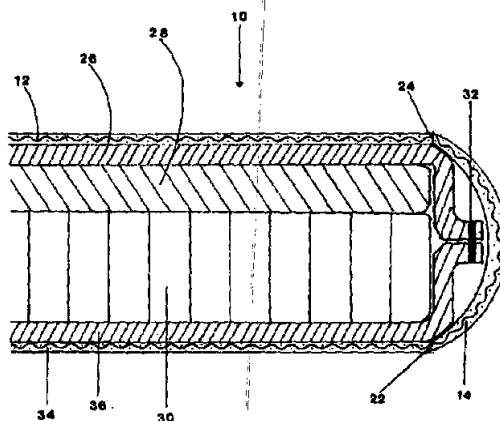
Primary Examiner—Son T. Nguyen

(74) *Attorney, Agent, or Firm*—Edwin H. Crabtree; Ramon
L. Pizarro

(57) **ABSTRACT**

An orthopedic cushion for a support humans and animals,
particularly domestic pets, includes a plurality of layers
including a padding layer of slow recovery visco-elastic
foam providing the orthopedic advantages of reducing pres-
sure points and facilitating blood flow, a supporting padding
layer of material which supports the slow recovery visco-
elastic foam while providing additional loft and cushioning,
a protective liner of a flexible waterproof yet breathable
material protecting the padding from liquids of all nature,
and a washable fabric cover. The pet bed of the present
invention is orthopedic, washable, stain-resistant, hypoaller-
genic, and comfortable.

21 Claims, 4 Drawing Sheets



U.S. PATENT DOCUMENTS

5,539,072 A 7/1996 Wu
 5,588,393 A 12/1996 Heilborn, II
 5,660,918 A 8/1997 Dutta
 5,685,257 A 11/1997 Feibus
 5,715,722 A 2/1998 Komrath
 5,724,911 A 3/1998 McAllister
 5,836,654 A * 11/1998 DeBellis et al. 297/452.41
 6,116,059 A 9/2000 Rock et al.
 6,139,941 A 10/2000 Janevies et al.
 6,173,675 B1 1/2001 Licciardo
 6,196,156 B1 * 3/2001 Denesuk et al. 119/28.5
 6,391,935 B1 5/2002 Hager et al.
 6,495,612 B1 12/2002 Corzani et al.
 6,498,201 B1 12/2002 Corzani et al.
 6,508,200 B1 1/2003 Remis
 6,534,561 B1 3/2003 Corzane et al.
 6,645,887 B2 11/2003 Kocinee
 6,653,363 B1 11/2003 Tursi, Jr. et al.

OTHER PUBLICATIONS

Liz White, Contributing Editor, Viscoelastic Foam Mattresses/
 Marketing Hype or Molecular Miracle, Orefhane Technology, Dec.
 2001/Jan. 2002 vol. 18 No. 6 pp. 22-27. United States.
 Atnin K. Habboub, PhD. Thermal Evaluation of Body Support
 Systems Using Thermogrammetry and Interfacial Temperature

Sensing, 13¹³ International Conference on Thermal Engineering and Thermogrammetry, Jun. 18-20, 2003. Budapest Hungary.

Julie Samms, High Moisture Vapor Transmission Thermoplastic Polyurethanes, Noveon, Inc, 9911 Brecksville Road, Cleveland, Ohio 44141-3247 United States.

Larry Johnson and Dirk Schultz, Breathable TPE Films for Medical Applications, Medical Device and Diagnostic Industry Magazine Jul. 2000 United States.

Natalie Peterson, Mattresses as Vectors of Nosocomial Infection, Winona MSUS, United States.

Quoc Truong & Shantha Sarangapani, Development of Elastomeric Selectivity Permeable Membranes for Chemical/Biological Protective Clothing, Natic Soldier Center (NSC) Natick, MA, United States.

Proctor and Gambl, Low Viscosity Thermoplastic Compositions for Liquid-Impermeable, Vapor-Structures, Cincinnati Ohio, United States.

NC State University, 100% Cotton Moisture Management, Cotton Incorporated Journal of Textile and Apparel Technology Management, vol. 2, Issue 3 Summer 2002, Abstract, United States.

House of Dust Mite Allergen Avoidance—Editorial. British Medical Journal, Oct. 24, 1998, United Kingdom.

* cited by examiner

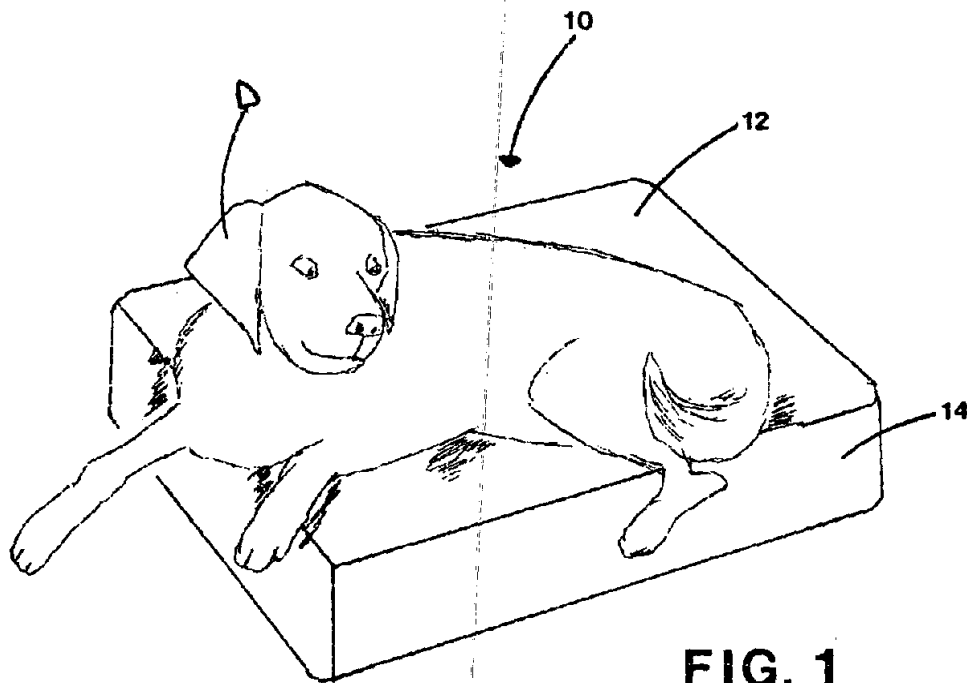


FIG. 1

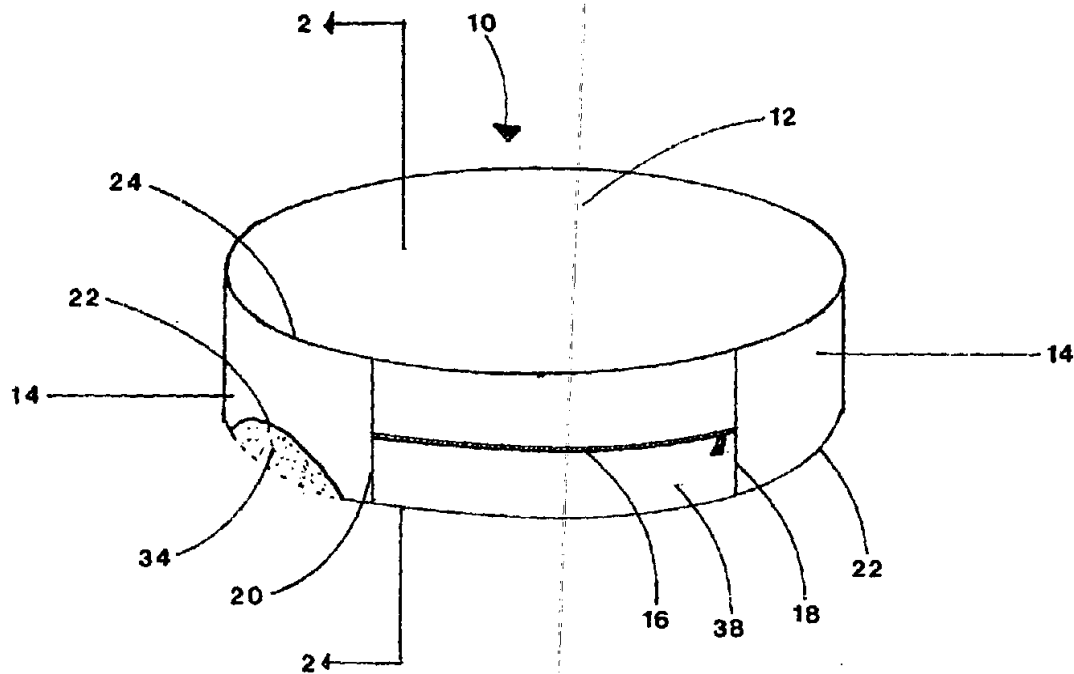


FIG. 2

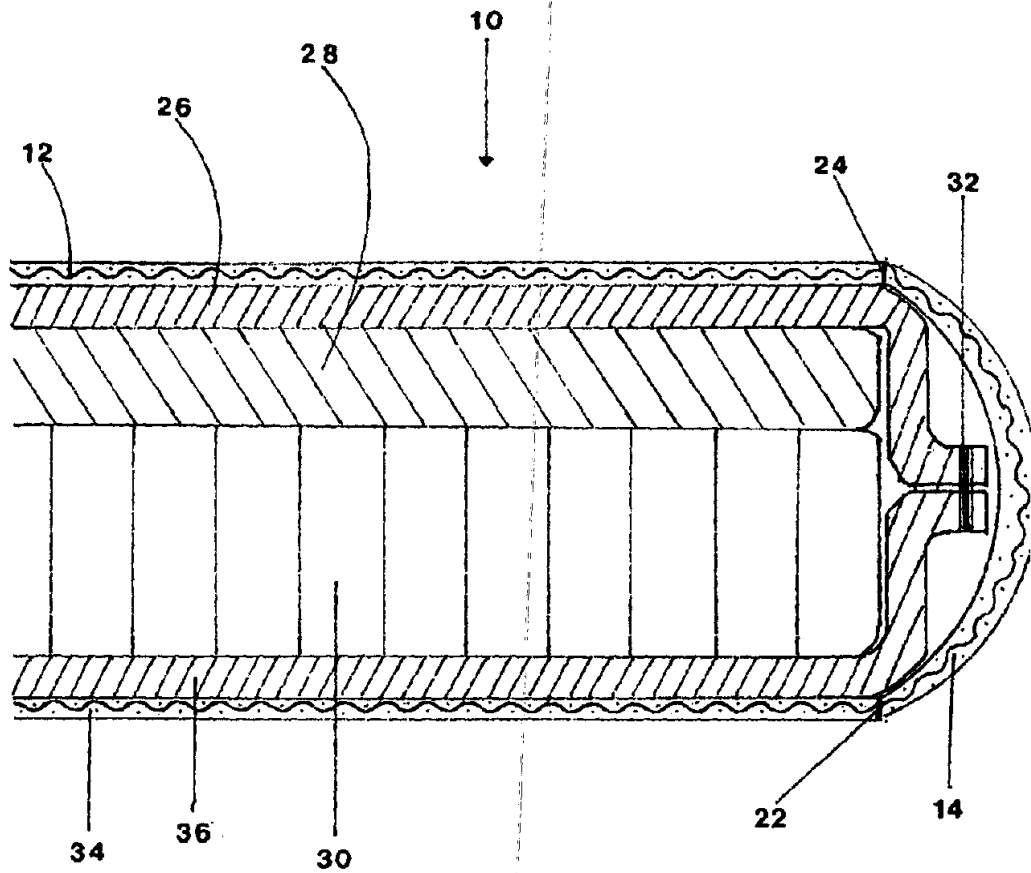
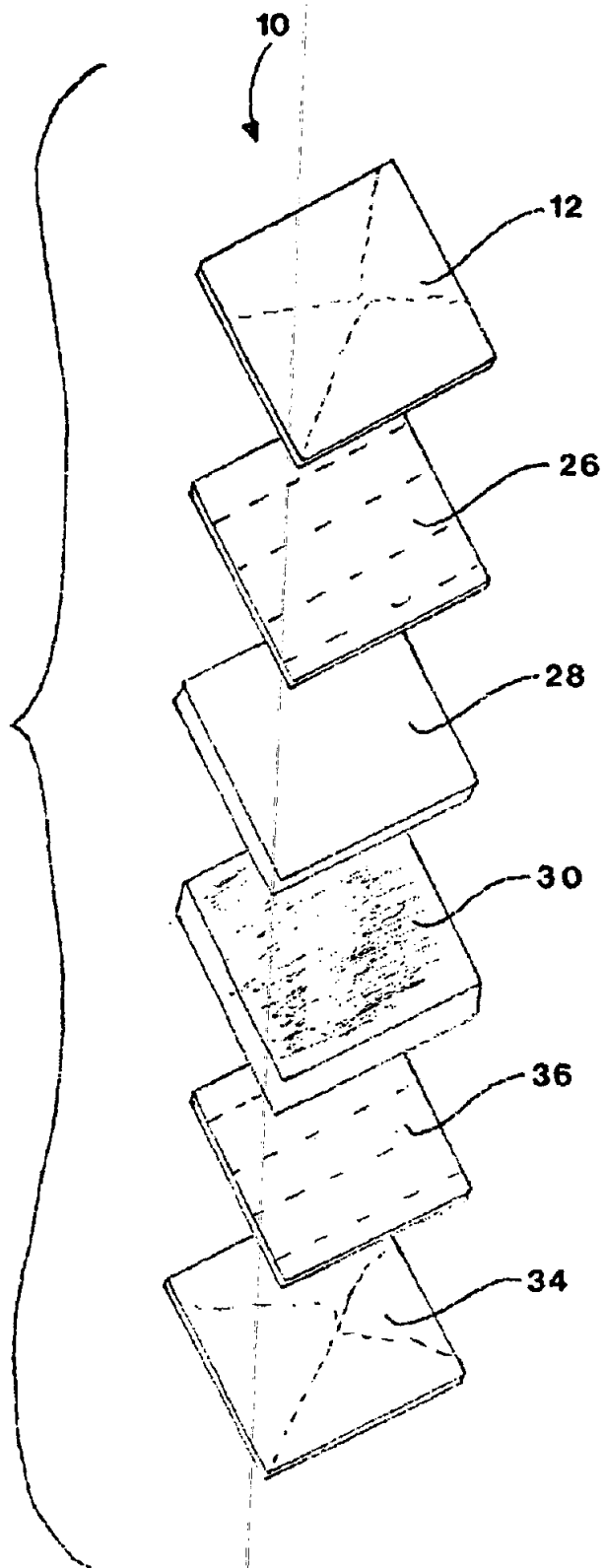


FIG. 3

FIG. 4



1

ORTHOPEDIC PET CUSHION

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention relates in general to a pet cushion and more particularly, but not by way of limitation, to a pet cushion of orthopedic slow recovery visco-elastic foam providing orthopedic support, with a protective liner of a waterproof, breathable, flexible material enclosing the visco-elastic foam padding and the support padding while protecting the padding materials from liquids of all nature yet allowing for airflow and breathability of the padding layers it serves to enclose.

2. Description of the Prior Art

Pets are an important part of the family. Pet owners desire to provide the most comfortable pet cushions and beds as possible; particularly as our pets age this becomes even more important. Older animals often suffer from arthritis, and/or joint and muscle problems making sleeping or laying down for the animal uncomfortable. Most pet cushions are made with a padding material and a fabric cover, but do not address any orthopedic aspects for the pet.

Typically most pet cushions are made with common polyurethane foam. Common polyurethane foams (high resilience foams) are formulated to be resilient, resisting pressures and pushing against the source of impression. Logically, the foams recovery pressure is greatest at point where the subject is causing the greatest impression (e.g. hips, shoulders, leg joints). With seating, sleeping and other cushioning support surfaces, those pressures generated by common foam become sources of discomfort, as circulation is constricted by the upward force of the foam. These pressure points can, in clinical terms, contribute to the breakdown of skin resulting in the development of pressure ulcers.

Manufactured by an exclusive process, slow recovery visco-elastic foam is a unique and separate category of foam having characteristics different than all other types of foam. Slow recovery visco-elastic foam can double the surface contact area decreasing the pressure on bony prominences and facilitating blood flow. Slow recovery visco-elastic foam possesses the characteristics of high energy absorbent properties and temperature softening behavior. These properties produce a fluid and firm effect so that the material dissipates energy away from the body. These qualities provide for an exceptionally comfortable cushion as well as being orthopedically beneficial. As referenced in *Introducing the Pressure Support Surfaces from Kaymed* by Pritchard, Barbara in *The British Journal of Nursing*, 2001, Vol 10, No. 21.

Slow recovery visco-elastic foam is a polymer with a gel-like feel which, through its sensitivity to temperature, recognizes shape and pressure and adjusts to distribute load as evenly as possible. It simulates a floatation effect. This provides the orthopedic effect of reducing pressure points while giving additional comfort to the animal using the cushion.

Typically animal cushions in the prior art use a cushioning material of polyester, nylon, high resilience foam, or cotton and possibly a liner which encloses the padding materials. The cushioning materials, without a waterproof liner, can absorb liquids such as urine, blood, animal saliva, and other spilled liquids to the point of saturation making the cushion unsanitary and unhealthy. After a period of use, these beds become foul smelling. In time, the cushion will promote bacterial growth due to the moisture and the body heat of the

2

animal as well as possibly infested with mites and fleas. Cushions can be difficult if not impossible to wash due to their size or material of construction. If the cushion cannot be cleaned, the only remedy is to replace the entire padding which can become costly. Typically, if the prior art had a liner component enclosing the padding materials it was at best of a water repellent nature only and thus not impermeable to fluids, or of an absorbent nature trapping and retaining the fluid.

Technology has introduced numerous high performance fabrics often used in performance outerwear or tents. Waterproof, breathable, and flexible fabrics are now manufactured by numerous sources, under numerous brand names, and are easily available to consumers. These fabrics achieve the waterproof qualities by a close weave fabric, or rely upon either the hydrophilic (water loving) or microporous qualities of materials which come as either a coating or a laminated film.

The quality of breathability is achieved as the molecular chains of hydrophilic material are used as stepping stones by water molecules. The molecules are passed from chain to chain by the force of the temperature/heat differential, until they are released to the outside. Water droplets cannot pass back across the fabric for it is non-porous. These microporous materials are created to have tiny holes within their structure. These holes are large enough for water vapor molecules to pass through yet many times too small to allow the passage of water droplets. A protective liner of a waterproof, breathable, flexible material would protect the cushion padding from absorbing liquids yet allow for airflow which maintains the loft of the padding materials while maintaining the comfort of the cushion long term. In addition, these fabrics are strong, durable, and resist odors and stains making them an ideal fabric of a protective liner in a pet cushion.

Most dirt contains oil. As polyester and nylon are both oil-based fibers, they are attracted to oily dirt, creating a bond between the dirt and the fiber, making it difficult to wash successfully. When dirt falls on hydrophilic fabrics, it rests on a bed of hydrophilic molecules keeping dirt away from the oil-based fabrics. The hydrophilic molecules attract and draw water and soap under the dirt allowing it to easily lift off. Prior art using polyester or nylon materials would prove more difficult to clean than the waterproof, breathable, flexible fabric suggested in the present invention.

There are no examples in prior art which combine slow recovery visco-elastic foam with a protective liner of a waterproof, breathable, flexible material in a cushion or a pet cushion.

A variety of pet cushions, beds or pads are available for domestic animals. U.S. Pat. No. 3,902,456 granted to David features a cloth-covered cushion.

U.S. Pat. No. 5,002,014 granted to Albin features woven polyester strands coated with polyvinyl chloride impervious to liquid and uses polystyrene beads as the cushioning material.

U.S. Pat. No. 5,119,763 granted to Crabtree features an orthopedic pet bed which the orthopedic support is from the quilting pattern fashioned on the filling material.

U.S. Pat. No. 5,144,911 granted to Moore features moisture repelling mattress liner and a water repellent cover with the four basic components which are detachable and removable from each other.

U.S. Pat. No. 5,226,384 granted to Jordan features animal beds whose main functions are pest-resistance and damage resistance using a KEVLAR aramid sheet and a MYLAR

**IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF COLORADO**

DEBRA L. HOLTE,
BUDDY BEDS LLC

Plaintiffs,

v.

Civil Action No. _____
TRIAL BY JURY DEMANDED

TITAN CHAIR LLC,
TITAN CHAIR LLC
DBA ICOZEEDOGBED AND/OR
ICOZEEDOGBED.COM,
STEVEN CHA
SUN K. CHA

Defendants.

**Complaint for Patent Infringement, False Advertising under the Lanham Act,
and Violation of Colorado's Consumer Protection Act**

Plaintiffs Debra L. Holte ("Holte") and Buddy Beds LLC ("Buddy Beds®") (hereinafter, collectively "Plaintiffs"), for their Complaint against Defendants Titan Chair LLC, Titan Chair LLC dba iCozeedogbed and/or iCozeedogbed.com (collectively "Titan"), Steven Cha and Sun K. Cha (hereinafter, collectively "Defendants"), allege as follows:

THE PARTIES

1. Holte resides in this judicial district at 875 South Colorado Blvd., Suite 701, Denver, CO 80246.
2. Holte is the owner of Buddy Beds® LLC, having its place of business in this

3

polyester sheet. Since neither KEVLAR nor MYLAR are soft comfortable fabrics, a removable cushion is placed on top of the shell in order to offer comfort to the animal. Neither KEVLAR nor MYLAR is a flexible material, and MYLAR is very difficult to cut in order to construct the animal bed.

U.S. Pat. No. 5,265,558 granted to Schonrock features molding a one-piece foam bed with a liquid-impermeable closed pore skin. This bed can be used with or without a cover.

U.S. Pat. No. 5,515,811 granted to McAllister features a cushion for an animal, preferably a cat, which is a material of a matted web of layered, electrostatic fibers. This cushion is uncovered.

U.S. Pat. No. 5,588,393 granted to Heilborn II is a pet bed of a collapsible nature.

U.S. Pat. No. 5,685,257 granted to Fiebus features the use of several absorbent layers under the cushion cover with the center most layers being fluid impermeable.

U.S. Pat. No. 5,715,772 granted to Kamrath et al. features an absorbent pad for absorbing pet urine with a one-way moisture barrier.

U.S. Pat. No. 5,724,911 granted to McAlister features raw, unwoven, uncovered polyester.

U.S. Pat. No. 6,173,675 granted to Licciardo features aromatherapy to enhance certain behaviors of the animals that use the mat.

U.S. Pat. No. 6,508,200 granted to Remis features a support cushion wherein the variable support is from helical springs.

A variety of support pads and mattresses are available. U.S. Pat. No. 3,968,530 granted to Dyson features a gel-like fluid; U.S. Pat. No. 4,614,000 granted to Mayer features conical-shaped bubble supports; U.S. Pat. No. 4,706,313 granted to Murphy features foam blocks that can be selectively placed; U.S. Pat. No. 4,777,681 granted to Luck, et al. features foamed material with a plurality of slits; U.S. Pat. No. 4,780,921 granted to Lahn, et al. features a cover for a therapeutic support cushion having two separate chambers; and U.S. Pat. No. 5,249,320 granted to Moretz features a reservoir for moisture.

Such pet cushions, mattresses, and mats have been introduced with varying degrees of success. The prior art pet beds however, fail to address orthopedic benefits or the protective benefits of a waterproof yet breathable liner in a pet cushion. The need has arisen for a pet cushion that offers the orthopedic benefits of slow recovery visco-elastic foam with a protective liner that allows the visco-elastic foam to breathe while protecting it from liquids of all kinds. Visco-elastic foam is a state-of-the-art material providing the user the therapeutic benefits of even pressure distribution without constricting blood circulation and thereby lessening the risk of pressure points and user discomfort. These qualities provide for an exceptionally comfortable cushion as well as being therapeutically beneficial for animals suffering from arthritis and/or joint and muscle ailments. The liner material takes advantage of the current high performance materials offering waterproof yet breathable and easily cleanable characteristics which creates a hygienic environment for the cushion user.

SUMMARY OF THE INVENTION

The primary object of the present invention is to provide a orthopedic pet cushion, made with slow recovery visco-elastic foam, that will overcome the shortcoming of the prior art devices.

4

Another object of the present invention is to use a material known to have the orthopedic properties of sensitivity to temperature, recognition of shape and pressure, and the ability to adjust and distribute load as evenly as possible which provides the orthopedic benefits of decreasing the pressure on the bony prominences and facilitating blood flow. Currently the only material known to have the above listed qualities is slow recovery visco-elastic foam.

Another objective of the present invention to provide an additional second padding layer to the slow recovery visco-elastic foam padding which will give the very flexible visco-elastic foam padding additional support and stability while adding additional overall cushioning for added comfort.

It is another object of the present invention to provide protection of the padding materials from liquids by a waterproof liner. This waterproof material used for the liner may naturally offer oleophobic, anti-dust mite, anti-odor, anti-bacterial, anti-stain, or anti-static properties in addition to its waterproof property.

It is yet another object of the present invention to provide a waterproof liner material that is also breathable and flexible. The ability of the waterproof liner to breathe allows for airflow and maintains cushion loft for continuing comfort. The flexibility of the liner material is necessary so the liner does not hamper the comfort or cushioning ability of the padding it serves to enclose and protect.

It is another object of the present invention to provide protection of the padding materials. This protection is achieved by a protective liner of a waterproof, breathable, flexible material which totally encloses all padding materials and is sealed shut by an appropriate means such as sewing, gluing, thermal bonding or the like. This protective liner is sealed around the padding materials in such a tight and close-fitting manner, that it prevents the two padding materials from shifting or moving about within the protective liner.

It is yet another object of the present invention to provide an outer cover of a material that is soft, comfortable, hypoallergenic, absorbent, resistant to the adherence of stains, and is highly resistant to breakage or tearing in any direction. The resealable closure allows for easy removal of the cover for washing. The cover is made of a fabric that may be conventionally laundered repeatedly.

To that end, an orthopedic cushion, for pets or humans, which includes a cushion formed from a plurality of layers including two padding layers, one of slow recovery visco-elastic foam and the second of a material that supports the visco-elastic foam while adding additional padding. Then a protective liner made from a waterproof, breathable, flexible material which completely encloses the two padding layers and is sealed around the padding layers in such a tight and close-fitting manner as to prevent shifting or moving about of the padding layers within the protective liner. Finally, around the enclosed padding layers and their protective liner, is a soft comfortable washable cover. This outer cover may be easily removed for washing.

The second supporting padding layer may be made from a textile-based, foam, or rubber material.

The waterproof, breathable, flexible protective liner material may achieve the properties of waterproof and breathability by a number of methods such as, but not limited to, utilizing a hydrophilic coating or laminate, a microporous coating or laminate, a bi-component coating or laminate, a monolithic membrane, a moisture-vapor-transmission (MVT) membrane, or a microfiber of sufficiently close weave as to be waterproof and breathable.

5

The outer washable cover is comprised of a top surface, a bottom surface and peripheral side walls between the top and bottom surfaces. This outer fabric cover has a releasable closure so that fabric cover may be easily removed washing.

The orthopedic cushion may be constructed in any geometric shape deemed necessary by the user's space needs. Suggested shapes would include, but not limited to, square, round, rectangular, triangular, semi-circle, or pie-shaped.

Further objects of the invention will appear as the description proceeds.

To accomplish the above and related objects, this invention may be embodied in the form illustrated in the accompanying drawings, attention being called to the fact, however, that the drawings are illustrative only, and that changes may be made in the specific construction illustrated and described within the scope of the appended claims.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a perspective view of an orthopedic support cushion for humans and animals, particularly domestic pets, according to the preferred embodiment of the present invention;

FIG. 2 is another perspective view of an orthopedic support cushion for humans and animals, particularly domestic pets, according to the preferred embodiment of the present invention;

FIG. 3 is a cross-sectional view of an orthopedic support cushion illustrated in FIG. 2 taken along lines 2—2 thereof; and

FIG. 4 is an exploded view of an orthopedic support cushion illustrated in FIG. 1 and FIG. 2.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

Turning now to the drawings and, more particularly, to FIG. 1, an orthopedic support cushion for humans and animals, and, more particularly, domestic pets, is illustrated generally in its simplest embodiment comprises a cushion 10, may be formed as a generally rectangular body having a top outer cover layer 12 and a fabric side panel 14.

FIG. 2 the orthopedic support cushion for humans and animals, and, more particularly, domestic pets, is illustrated generally at 10 and may be formed as a generally round body having a outer top cover layer 12 attached to side panels 14 and 38 by a stitched seam 24 and attached to the second covering bottom layer 34 by stitched seam 22. The completed side panel is composed of two panels: first side panel 38 is a panel containing a resealable closure, a the second side panel 14; whereby side panel 38 is attached to side panel 14 by stitched seams 18 and 20 and can be disposed to extend around the perimeter or circumference of the top and bottom panels. It is preferred the cover fabric used for the cover of the cushion of the present invention is soft, comfortable, and hypoallergenic, yet absorbent and also resistant to the adherence of stains and is highly resistant to breakage or tearing in any direction. It is further preferred the resealable closure mechanism 16 be of sufficient length to allow for easy removal of the cover for washing. Lastly it is preferred the cover be made of a fabric that can be conventionally laundered.

As seen in FIGS. 3 and 4 of the preferred embodiment of the orthopedic support cushion of the present invention is formed from a plurality of layers which are retained in a closely adjacent relationship with each layer being formed of sheet material. Each layer can be generally rectangular,

6

square, round, triangular, or pie shaped and extends the full width and breadth of the cushion body 10. The present invention includes an outer cover layer 12 which is disposed closely adjacent a first intermediate layer 26. The first intermediate layer 26 is formed from a waterproof, breathable, flexible material. Following in succession inwardly toward the center of the cushion 10, a second intermediate layer 28 is disposed closely adjacent the first intermediate layer 26. The second intermediate layer 28 is formed from slow recovery visco-elastic foam.

An inner layer 30 is disposed closely adjacent the second intermediate layer 28. The inner layer 30 is formed from padding material providing support, loft and cushioning to the cushion. A fourth intermediate layer 36 is disposed closely adjacent the inner layer 30 and is formed from a waterproof, breathable, flexible material similar to the material from which the first intermediate layer 26 is formed. Finally a second covering bottom layer 34 is disposed closely adjacent the fourth intermediate layer 36 and is formed from the material which comprises the first cover 12.

As previously mentioned a side panel composed of 14 and 38 is seamed to the first covering layer 12 by a stitched seam 24 as well as seamed to the second covering bottom layer 34 by stitched seam 22 and extends around the entire perimeter of cushion 10. The first intermediate layer 26 is sealed closed by sewing, gluing, thermal bonding or the like by seam 32, to fourth intermediate layer 36 forming a complete bond which encloses second intermediate layer 28 and inner layer 30 forming a waterproof barrier and retarding relative movement between said layer 28 and said layer 30.

It should be understood by those skilled in the art that the cushion 10 of the present invention may be formed with the first intermediate layer 26 and fourth intermediate layer 36 may be a single sheet folded in half without departing from the spirit and scope of the invention.

In operation, the cushion of the present invention can be placed on the floor and may support a dog D as seen in FIG. 1 or other domestic pet. Further the cushion 10 may be used for children or adults.

The present cushion provides many advantages. Slow recovery visco-elastic foam offers the user of the cushion the advantages of sensitivity to temperature, recognition of shape and pressure, and the ability to adjust and distribute load as evenly as possible which provides the orthopedic benefits of decreasing the pressure on the bony prominences and facilitating blood flow. The cushion fabric cover is of an absorbent fabric that may be conventionally laundered repeatedly while retaining its soft, comfortable, hypoallergenic qualities. The inner liner of a waterproof, breathable, flexible material will not absorb liquids from the absorbent cover; thereby protecting the enclosed padding material which serves to extend the life of the orthopedic pet cushion. Most stains on the liner can be spot cleaned. Since this liner is waterproof, yet able to breathe, it often will naturally provide a measure of odor, pest, static and bacterial resistance. The ability of the liner to breathe maintains the loft and comfort of the padding materials. Finally, most slow recovery visco-elastic foam manufactured today in the United States is fire retardant. By the above, the present invention provides a unique and beneficial orthopedic pet cushion.

It will therefore be readily understood by those persons skilled in the art that the present invention is susceptible of a broad utility and application. Many embodiments and adaptations to the present invention other than those herein described, as well as many variations, modifications and equivalent arrangements, will be apparent from or reason-

ably suggest by the present invention and the foregoing description thereof, without departing from the substance or scope of the present invention. Accordingly, while the present invention has been described herein in detail in relation to its preferred embodiment, it is to be understood that this disclosure is only illustrative and exemplary of the present invention and is made merely for purposes of providing a full and enabling disclosure of the invention. The foregoing disclosure is not intended or to be construed to limit the present invention or other wise to exclude any such other embodiments, adaptations, variations, modifications and equivalent arrangements, the present invention be limited only by the claims appended hereto and the equivalents thereof.

I claim:

1. A cushion for a domestic pet, the cushion comprising: a slow recovery, porous, visco-elastic foam padding layer; a supporting layer, said supporting layer made of a stabilizing material for supporting said visco-elastic foam padding layer thereon, a top of said supporting layer received next to a bottom of said visco-elastic foam padding layer;
 - a waterproof, breathable, flexible material protective liner, said protective liner received over a top of said visco-elastic foam padding layer and over a bottom of said supporting layer, said protective liner preventing an absorption of liquids from the domestic pet into the top of said visco-elastic foam padding layer and into the bottom of said supporting layer, said protective liner allowing airflow to pass through the cushion for maintaining loft of said visco-elastic foam padding layer and said supporting layer; and
 - a washable fabric cover, said washable fabric cover enclosing said visco-elastic foam padding layer, said supporting layer, and said protective liner.
2. The cushion as recited in claim 1, wherein the supporting padding layer is comprised of a textile-based material.
3. The cushion as recited in claim 1, wherein the supporting padding layer is comprised of a foam material.
4. The cushion as recited in claim 1, wherein the supporting padding layer is comprised of a rubber material.
5. The cushion as recited in claim 1, wherein said waterproof, breathable, and flexible protective liner is comprised of a hydrophilic laminate.
6. The cushion as recited in claim 1, wherein said waterproof, breathable, and flexible protective liner is comprised of a hydrophilic coating.
7. The cushion as recited in claim 1, wherein said waterproof, breathable, and flexible protective liner is comprised of a microporous laminate.
8. The cushion as recited in claim 1, wherein said waterproof, breathable, and flexible protective liner is comprised of a microporous coating.
9. The cushion as recited in claim 1, wherein said waterproof, breathable, and flexible protective liner is comprised of a bi-component laminate.
10. The cushion as recited in claim 1, wherein said waterproof, breathable, and flexible protective liner is comprised of a bi-component coating.
11. The cushion as recited in claim 1, wherein said waterproof, breathable, and flexible protective liner comprises a material fabricated from a microfiber of a sufficiently close weave to be waterproof and breathable.
12. The cushion as recited in claim 1, wherein said waterproof, breathable, and flexible protective liner is comprised of a material fabricated with a monolithic membrane.

13. The cushion as recited in claim 1, wherein said waterproof, breathable, and flexible protective liner is naturally oleophobic, anti-dust mite, anti-odor, anti-bacterial, anti-stain, and anti-static.

14. The cushion as recited in claim 1, wherein said fabric cover has a releasable closure so that said fabric cover may be removed from the said padding of slow recovery visco-elastic foam, said padding of stabilizing support material, and said protective liner, for washing.

15. The cushion as recited in claim 1, wherein said fabric cover is comprised of a top surface, a bottom surface, and peripheral side walls disposed between said top and bottom surfaces.

16. The cushion as recited in claim 1, wherein said waterproof, breathable, and flexible protective liner is sealed closed around said padding layer of slow-recovery visco-elastic foam and said supporting padding layer in such a close-fitting and tight manner that the protective liner does not allow for the inner padding layers, of said slow recovery visco-elastic foam and said supporting stabilizing material, to shift or move about within the said protective liner.

17. A cushion for a domestic pet, the cushion comprising: a slow recovery, porous, visco-elastic foam padding layer; a supporting layer, said supporting layer made of a stabilizing material for supporting said visco-elastic foam padding layer thereon, a top of said supporting layer received next to a bottom of said visco-elastic foam padding layer;

a waterproof, breathable, flexible moisture-vapor-transmission (MVT) material protective liner comprising upper and lower layers that are fastened together at their peripheral edges, said protective liner received over a top of said visco-elastic foam padding layer and over a bottom of said supporting layer, said protective liner preventing an absorption of liquids from the domestic pet into the top of said visco elastic foam padding layer and into the bottom of said supporting layer, said protective liner allowing airflow to pass through the cushion for maintaining loft of said visco-elastic foam padding layer and said supporting layer; and

a washable fabric cover, said washable fabric cover enclosing said visco-elastic foam padding layer, said supporting layer, and said protective liner.

18. The orthopedic pet cushion as recited in claim 17, wherein said protective liner of breathable, waterproof, MVT material is comprised of a close-weave fabric of a sufficiently close weave to be waterproof and breathable.

19. The orthopedic pet cushion as recited in claim 17, wherein said breathable, waterproof, flexible, and MVT membrane material of said protective liner is naturally oleophobic, anti-dust mite, anti-odor, anti-bacterial, anti-stain, and anti-static.

20. The orthopedic pet cushion as recited in claim 17, wherein said outer fabric cover is comprised of a top surface, a bottom surface, and peripheral side walls disposed between said top and bottom surfaces.

21. The orthopedic pet cushion as recited in claim 17, wherein said protective liner of flexible, breathable, waterproof, MVT membrane material is sealed closed around said padding layer of slow-recovery visco-elastic foam and said supporting padding layer, in such a close-fitting and tight manner that the protective liner does not allow for the padding layers, of said slow recovery visco-elastic foam and said supporting padding, to shift or move about within the said protective liner.

judicial district at 875 South Colorado Blvd., Suite 701, Denver, CO 80246.

3. On information and belief, Titan is a limited liability company under the Texas Business Organizations Code with a place of business at 3121 Glenmere, Carrollton, Texas 75007 and a place of business at 1725 North Central Expressway, #103, Plano, Texas 75075. On information and belief, at all relevant times, Titan has been doing business in the State of Colorado.

4. On information and belief, Titan does business as iCozeedogbed and/or iCozeedogbed.com, and is the registered owner of the domain name iCozeedogbed.com.

5. On information and belief, Steven Cha is the Manager of Titan, and resides at and/or has a place of business at 3121 Glenmere, Carrollton, Texas 75007, and controls the activities of Titan.

6. On information and belief, Sun K. Cha is the President and/or Director of Titan, and resides at and/or has a place of business at 3121 Glenmere, Carrollton, Texas 75007, and controls the activities of Titan.¹

JURISDICTION AND VENUE

7. This is an action for patent infringement, arising under 35 U.S.C. §§ 1, *et seq.*, an action for false advertising, arising under 15 U.S.C. §§ 1125(a)(1)(B) (Lanham Act § 43(a)), and an action for deceptive trade practices, arising under Colo. Rev. Stat. § 6-1-105(1).

8. Subject matter jurisdiction over the patent infringement claim is proper in this Court under 28 U.S.C. §§ 1331 and 1338(a). Subject matter jurisdiction over the Lanham Act

¹ Steven Cha is identified as the "Manager" of Titan Chair LLC in Titan's Certificate of Formation filed on February 21, 2007 with the Texas Secretary of State. Sun K. Cha is identified as the "President" of Titan Chair LLC on Titan's Texas Franchise Tax Public Information Report filed on December 12, 2008. It is unclear from other available documentation whether Steven Cha and Sun K. Cha are in fact the same person. Since different names are used in official filings with the State of Texas, Plaintiffs have treated them as separate individuals here.

false advertising claim is proper in this Court under 28 U.S.C. §§ 1331 and 1338(b). Subject matter jurisdiction over the Colorado deceptive trade practices claims is proper in this Court under 28 U.S.C. § 1367(a).

9. On information and belief, defendant Titan, acting alone and/or in concert with and under the control of Steven Cha and Sun K. Cha, conducts substantial business in this judicial district, regularly solicits business from, does business with, and derives value from goods and services provided to, customers in this judicial district. For example, Defendants maintain and have maintained an interactive website, <http://www.iCozeedogbed.com>, on which, among other things, Defendants advertise their iCozee dog bed products, encourage and enable consumers in Colorado (and other states) to purchase iCozee dog bed products, and encourages and enables individuals to apply to become distributors of iCozee products.

10. On information and belief, defendant Titan, acting alone and/or in concert with and under the control of Steven Cha and Sun K. Cha, has committed, or intends imminently to commit, acts of infringement of one or more claims of United States Patent No. 7,185,604 entitled "Orthopedic Pet Cushion" ("the '604 Patent"), including but not limited to offering to sell and selling its infringing products in this judicial district and such acts are and will be continuing. A copy of the '604 Patent is attached hereto as Exhibit A. On information and belief, Defendants directed their activities and intended that the harm caused by their infringement would be felt in Colorado by, in particular, Holte and Buddy Beds®. This Court has personal jurisdiction over defendants Titan, Steven Cha and Sun K. Cha.

11. On information and belief, defendant Titan, acting alone and/or in concert with and under the control of Steven Cha and Sun K. Cha, has committed, or intends imminently to

commit, acts of false advertising in violation of 15 U.S.C. § 1125(a)(1)(B) and deceptive trade practices in violation of Colo. Rev. Stat. § 6-1-105(1) in this judicial district and such acts are and will be continuing. On information and belief, Defendants directed their activities and intended that the harm caused by their false advertising and deceptive trade practices would be felt in Colorado by, in particular, Holte and Buddy Beds®. This Court has personal jurisdiction over defendants Titan, Steven Cha and Sun K. Cha.

12. Venue is proper in this judicial district pursuant to 28 U.S.C. §§ 1391(b), (c) and 1400(b) because, on information and belief, defendants Titan, Steven Cha and Sun K. Cha, have committed, or intend imminently to commit, acts of infringement of one or more claims of the '604 Patent in this judicial district, as well as acts of false advertising and deceptive trade practices in this judicial district, and because they provide goods and do business within this judicial district.

BACKGROUND

13. Plaintiff Holte is an innovator in orthopedic dog beds. Through her company, Buddy Beds®, she sells orthopedic dog beds that eliminate painful pressure points that contribute to arthritis, hip displasia and joint problems. Buddy Beds® products have been awarded the Animal Wellness Seal of Approval and The Pinnacle Award by *Pet Age Magazine* in the dog bed category. Orthopedic dog beds sold by Holte through Buddy Beds® are marked with the number of the '604 Patent.

14. On information and belief, no later than about August 19, 2009, Michael Cha acting on behalf of Titan, ordered a Buddy Beds® brand orthopedic dog bed from Holte for delivery to 1725 N. Central Expy, #103, Plano, Texas 75075. The bed, bearing a label marked

with the number of the '604 Patent, was thereafter shipped from within the State of Colorado and delivered to Michael Cha.

15. Titan shortly thereafter began selling, and continues to sell, dog beds under the "iCozee" brand name in direct competition with Holte and Buddy Beds®.

16. Defendants Titan, Steven Cha and Sun K. Cha advertise their dog bed as utilizing five-pound density memory foam. On information and belief, such representation is false.

COUNT I – INFRINGEMENT OF U.S. PATENT NO. 7,185,604

17. Plaintiffs allege and incorporate herein by reference the allegations stated in paragraphs 1 through 16 above.

18. Plaintiffs Holte and Buddy Beds are the owner of all right, title and interest in and to the '604 Patent, including the right to sue, enforce or recover damages for all infringements thereof.

19. The '604 Patent was duly and legally issued by the United States Patent and Trademark Office on March 6, 2007.

20. On information and belief, defendants Titan, Steven Cha and Sun K. Cha have been and are manufacturing, using, offering to sell, and/or selling in the United States dog beds that infringe one or more claims of the '604 Patent, within the meaning of 35 U.S.C. § 271, and the infringing acts will continue unless enjoined by the Court.

21. On information and belief, defendants Titan, Steven Cha and Sun K. Cha have known of, and do know of, the '604 patent.

22. On information and belief, defendants Titan, Steven Cha and Sun K. Cha have acted with a specific intent to encourage and/or cause infringement of one or more claims of the

'604 Patent whereby they have actively induced infringement of the '604 patent within the meaning of 35 U.S.C. § 271, and their acts will continue unless enjoined by the Court.

23. On information and belief, defendants Titan, Steven Cha and Sun K. Cha knew or should have known that Defendants' acts of making, using, selling, and offering to sell dog beds, which acts they encouraged, aided and abetted, were and are an infringement of one or more claims of the '604 patent.

24. On information and belief, Defendants Titan, Steven Cha and Sun K. Cha have at all relevant times been aware of and are aware of the '604 patent, and their infringement is and has been willful, intentional, and deliberate. Defendants' willful conduct provides a basis for this Court to award enhanced damages pursuant to 35 U.S.C. § 284, and makes this an exceptional case within the meaning of 35 U.S.C. § 285.

25. Plaintiffs Holte and Buddy Beds® have been damaged by the infringing acts of Defendants Titan, Steven Cha and Sun K. Cha, and will continue to be damaged unless Defendants are enjoined by the Court.

COUNT II – FALSE ADVERTISING, LANHAM ACT §43(A)

26. Plaintiffs allege and incorporate herein by reference the allegations stated in paragraphs 1 through 25 above.

27. Defendants Titan, Steven Cha and Sun K. Cha have made material false or misleading representations of fact in connection with the commercial advertising or promotion of their iCozeedogbed products. Namely, defendants Titan, Steven Cha and Sun K. Cha have misrepresented and continue to misrepresent the quality and characteristics of their iCozee dog bed products, in particular, the characteristics of the memory foam material used therein.

28. Defendants Titan, Steven Cha and Sun K. Cha have made material misrepresentations regarding the quality and characteristics of their iCozee dog bed products in commerce.

29. Plaintiffs Holte and Buddy Beds® are direct competitors with defendants Titan, Steven Cha and Sun K. Cha in the dog bed business, and Plaintiffs' Buddy Beds® dog beds are in direct competition with Defendants' iCozee dog beds.

30. Defendants' material misrepresentations as to the quality and characteristics of their dog bed products are likely to cause confusion or mistake as to the quality and characteristics of their iCozee dog bed products, in particular, the characteristics of the memory foam material used therein.

31. Defendants' material misrepresentations have caused competitive injury to Plaintiffs Holte and Buddy Beds®, and Plaintiffs will continue to suffer such competitive injury unless Defendants Titan, Steven Cha and Sun K. Cha are enjoined by this Court.

32. On information and belief, Defendants Titan, Steven Cha and Sun K. Cha have made the misrepresentations willfully and in bad faith.

COUNT III – COLORADO CONSUMER PROTECTION ACT

33. Plaintiffs allege and incorporate herein by reference the allegations stated in paragraphs 1 through 32 above.

34. Defendants Titan, Steven Cha and Sun K. Cha have made material false or misleading representations of fact in connection with the commercial advertising and/or promotion of their iCozee dog bed products. Namely, on information and belief, defendants Titan, Steven Cha and Sun K. Cha have knowingly misrepresented, and continue to knowingly

misrepresent, the quality, characteristics, standard and grade, of their iCozee dog bed products, in particular, the quality, characteristics, standard and grade of the memory foam material used therein.

35. Defendants Titan, Steven Cha and Sun K. Cha have made such material misrepresentations in commerce.

36. Plaintiffs Holte and Buddy Beds® are direct competitors with defendants Titan, Steven Cha and Sun K. Cha in the dog bed business, and Plaintiffs' Buddy Beds® dog beds are in direct competition with Defendants' iCozee dog beds.

37. Defendants' material misrepresentations are likely to cause confusion or mistake as to the quality, characteristics, standard and grade of their iCozee dog bed products, in particular, the quality, characteristics, standard and grade of the memory foam material used therein.

38. Defendants' material misrepresentations have caused competitive injury to Plaintiffs Holte and Buddy Beds®, as well as injury to the consuming public, and Plaintiffs and the consuming public will continue to suffer such injury unless defendants Titan, Steven Cha and Sun K. Cha are enjoined by this Court.

39. On information and belief, Defendants Titan, Steven Cha and Sun K. Cha have made the misrepresentations willfully and in bad faith.

PRAYER FOR RELIEF

Accordingly, Plaintiffs Holte and Buddy Beds® pray for entry of judgment in their favor as follows:

- a. A decree that Titan, Steven Cha and Sun K. Cha have infringed the '604 patent-